



Fig. 1.—*Rhodnius pallescens* n. sp.

pale testaceous spots on either side toward the lateral margins. Legs pale testaceous, mottled with brown, the tibiae apically and the tarsi embrowned.

Head laterally finely and densely granulose; 4.64 mm. long and 1.6 mm. wide across the eyes; space between the eyes slightly longer than the diameter of an eye (0.56 mm. to 0.52 mm.); distance from eye to apex of antenniferous tubercle (lateral view)  $2\frac{2}{3}$  to  $2\frac{1}{2}$  times as long as from the apex of the latter to the front of the clypeus; antennae as long as head and pronotum together; basal segment attaining the apex of the lateral lobes; second segment about seven times as long as first; the relative lengths of the segments as follows: I 0.48, II 3.20, III 2.40, and IV 1.60 mm.; third and fourth segments sparsely pilose. Rostrum reaching very nearly to margin of anterior acetabulae; first and third segments equal to each other, the second segment 4 to  $4\frac{1}{2}$  times as long as either of the other two. Pronotum distinctly wider than long (4 mm. to 3.04 mm.); anterior lobe, on the median dorsal line, 1.04 mm. long, the posterior lobe 2 mm. long; lateral margins distinctly concavely sinuate between the lobes; anterior angles prominent, forming somewhat rounded lobes anteriorly; lateral margins and two median longitudinal carinae strongly calloused; dorsal surface of posterior lobe elsewhere covered with conspicuous small, pale, testaceous pustules. Scutellum longer than wide (2 mm. to 1.76 mm.), disk with three strongly excavated longitudinal areas basally, the median one attaining the middle of the scutellum; contracted apical part transversely furrowed, cylindrical, somewhat elevated. Hemelytra not quite reaching apex of abdomen; entire length from base of corium to apex of membrane 12 mm.; corium along costal margin 8 mm. long; length of inner cell of membrane 5.6 mm., of outer cell 6 mm. Length of body from posterior margin of pronotum to apex of abdomen 12.16 mm. Connexivum broadly exposed; diameter of abdomen at third segment 5.6 mm. Pleura granulose, pustulate.

Length of male 19.84 mm., diameter of pronotum 4 mm., diameter of abdomen 5.6 mm.; length of female, 21-32 mm.

Type male: La Chorrera, Panama, V, 12, 1912 (collected by August Busck). Paratypes, males: four with same data as type; one Trinidad River, Panama, V, 8, 1911 (August Busck); females: one La Chorrera, Panama, V, 10, 1912; one Cabima, Panama, V, 28, 1911 (August Busck); one Close's, Cano Saddle, Canal Zone, Panama, IX, 1923 (M. F. Close); and two Ancon, Canal Zone, Panama, VII, 1932 (L. H. Dunn, Gorgas Memorial Laboratory). U.S.N.M. Cat. No. 44329.

There is very little variation in the series of eleven specimens at hand from Panama. *Rhodnius pallescens* is closely related to both *prolixus* Stål and *pictipes* Stål, from either of which it differs especially in its paler coloration and relative proportion of parts, having a longer and narrower head and pronotum.

The lower part of Figure 1 shows the posterior view of the genitalia.

#### KEY TO THREE SPECIES OF RHODNIUS

1. First, second, and base of third segment of antenna and legs uniformly pale chestnut-brown, not mottled or banded with fuscous. Disk of scutellum with a single basal excavation. Dimensions of parts of male as follows: head 4.16 mm. long, 1.74 mm. wide across eyes; apex of head to eyes 2.4 mm.; dorsal diameter of eye 0.56 mm.; vertex between eyes 0.62 mm.; second segment of rostrum  $3\frac{1}{2}$  times